

Water-Data Report 2007

**392922074321601 Local number 011458 Richard Stockton 1**

Northern Atlantic Coastal Plain aquifer system

Cohansey Sand-Kirkwood Formation

Atlantic County, NJ

LOCATION.--Lat 39°29'21.9", long 74°32'15.9" referenced to North American Datum of 1983, Galloway Township, Atlantic County, NJ, Hydrologic Unit 02040301, in a wooded area of Richard Stockton College.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 6. ft. Upper casing diameter 3 in, top of first opening 5 ft, bottom of last opening 6 ft. Driven water-table well.

DATUM.--Land-surface datum is 38 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 2 ft above land-surface datum, Mar. 25, 2004, to present. The land surface elevation was determined from a digital elevation model and is estimated to be accurate to within plus or minus 5 ft; however, the relative difference between the top of casing of this well and well Richard Stockton 2 (011457) is accurate to within 0.01 ft, from differential surveying.

PERIOD OF RECORD.--March 2004 to June 2007 (discontinued).

GAGE.--Submersible logger pressure transducer--60 minute recording interval.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 0.13 ft above land surface, Apr. 16, 2007; lowest, 1.46 ft below land surface, Oct. 2, 2005.

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

[- (minus sign), value is water level above land surface]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.58	0.42	0.20	---	---	---	0.30	0.25	0.56	---	---	---
2	0.60	0.43	0.22	---	---	---	0.30	0.26	0.57	---	---	---
3	0.62	0.45	0.24	---	---	0.16	0.31	0.27	0.47	---	---	---
4	0.63	0.46	0.24	---	---	0.21	0.21	0.29	0.03	---	---	---
5	0.63	0.46	0.25	---	---	---	0.17	0.30	0.13	---	---	---
6	0.44	0.47	0.26	---	---	---	---	0.30	---	---	---	---
7	0.45	0.47	0.26	---	---	0.27	0.26	0.31	---	---	---	---
8	0.51	0.19	0.28	---	---	---	0.28	0.32	---	---	---	---
9	0.55	0.16	---	---	---	---	---	0.32	---	---	---	---
10	0.57	0.26	---	---	---	---	---	0.32	---	---	---	---
11	0.55	0.30	---	---	---	---	---	0.33	---	---	---	---
12	0.53	0.23	---	---	---	---	0.16	0.34	---	---	---	---
13	0.59	0.00	---	---	---	---	---	0.31	---	---	---	---
14	0.61	0.09	---	---	0.15	---	---	0.35	---	---	---	---
15	0.62	0.15	---	---	0.14	0.31	0.09	0.37	---	---	---	---
16	0.63	0.16	---	---	0.22	0.13	-0.11	0.37	---	---	---	---
17	0.53	0.11	---	---	---	0.00	-0.02	0.34	---	---	---	---
18	0.37	0.17	---	---	---	0.10	0.04	0.36	---	---	---	---
19	0.45	0.20	---	---	---	0.15	0.07	0.38	---	---	---	---
20	0.40	0.21	---	---	---	0.17	0.10	0.39	---	---	---	---
21	0.43	0.23	---	---	---	0.20	0.12	0.41	---	---	---	---
22	0.46	0.21	---	---	---	0.21	0.14	0.42	---	---	---	---
23	0.48	0.03	---	---	0.31	0.21	0.16	0.43	---	---	---	---
24	0.50	0.03	---	---	---	0.19	0.17	0.45	---	---	---	---
25	0.52	0.10	---	---	---	0.22	0.19	0.46	---	---	---	---
26	0.53	0.14	---	---	---	0.24	0.20	0.48	---	---	---	---
27	0.52	0.16	---	---	---	0.25	0.19	0.49	---	---	---	---
28	0.26	0.18	---	---	---	0.26	0.19	0.47	---	---	---	---
29	0.32	0.19	---	---	---	0.28	0.21	0.50	---	---	---	---
30	0.38	0.20	---	---	---	0.29	0.23	0.52	---	---	---	---
31	0.40	---	---	---	---	0.30	---	0.54	---	---	---	---
<b>Mean</b>	0.51	0.23	---	---	---	---	---	0.38	---	---	---	---
<b>Max</b>	0.63	0.47	---	---	---	---	---	0.54	---	---	---	---
<b>Min</b>	0.26	0.00	---	---	---	---	---	0.25	---	---	---	---

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